

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application:

LISTING OF CLAIMS:

1. (Currently amended) In a computerized device, a method for communicating with an external transmission control protocol device, the method comprising the steps of:
 - providing an acknowledgment message to the external transmission control protocol device in response to a synchronization message from the external transmission control protocol device;
 - receiving a request message for content from the external transmission control protocol device; and
 - sending, to the external transmission control protocol device, a reply message having at least a portion of the content, regardless of whether the computerized device received an acknowledgment message from the external transmission control protocol device in response to the acknowledgment message provided by the computerized device to the external transmission control protocol device, wherein the step of sending includes transmitting a content segment;
 - comparing an acknowledgment number received from the external transmission control protocol device to an aggregate size of the content;
 - when the acknowledgment number is one of greater than and equal to the aggregate size of the content, refraining from sending another content segment; and
 - when the acknowledgment number is less than the size of the aggregate content, sending another content segment.

2. (Original) The method of claim 1 wherein the step of sending includes the step of:

transmitting the reply message to the external transmission control protocol device in response to request message from the external transmission control protocol device and in the absence of receiving the acknowledgment message from the external transmission control protocol device.
3. (Original) The method of claim 1 wherein the step of sending includes the step of:

transmitting the reply message to the external transmission control protocol device in response to the request message from the external transmission control protocol device and in the absence of establishing a transmission control protocol connection.
4. Cancel
5. (Currently amended) The method of claim 41, further comprising the step of:

queuing an acknowledgment message and the acknowledgment number received from the external transmission control protocol device in response to the reply message prior to the step of comparing the acknowledgment number to the aggregate size of the content.
6. (Original) The method of claim 1 further comprising the step of:

obtaining first transmission information from a prior message, received from the external transmission control protocol device; and

providing second transmission information to the external transmission control protocol device based on the first transmission

information obtained from the external transmission control protocol device.

7. Cancel

8. Cancel

9. (Currently amended) An apparatus for communicating with an external transmission control protocol device, comprising:
- an input/output interface to communicate with at least one external transmission control protocol device;
 - a content source to provide content; and
 - a controller coupled to the input/output interface and the content source, the controller being configured to:
 - provide an acknowledgment message to the external transmission control protocol device in response to a synchronization message from the external transmission control protocol device,
 - receive a request message for content from the external transmission control protocol device, and
 - send, to the external transmission control protocol device, a reply message having at least one portion of the content, regardless of whether the apparatus received an acknowledgment message from the external transmission control protocol device in response to the acknowledgment message provided by the apparatus to the external transmission control protocol device wherein the controller is configured to transmit, in the reply message, a content segment
 - compare an acknowledgment number received from the external transmission control protocol device to an aggregate size of the content;

when the acknowledgment number is one of greater than and equal to the aggregate size of the content, refraining from sending another content segment; and

when the acknowledgment number is less than the size of the aggregate content, sending another content segment.

10. (Original) The apparatus of claim 9 wherein the controller is configured to send the reply message to the external transmission control protocol device in response to the request message from the external transmission control protocol device and in the absence of receiving the acknowledgment message from the external transmission control protocol device.
11. Cancel
12. (Currently amended) The apparatus of claim 9 wherein the controller is further configured to queue an acknowledgment message and the acknowledgment number received from the external transmission control protocol device in response to the reply message prior to comparing the acknowledgment number to the aggregate size of the content.
13. (Original) The apparatus of claim 9 wherein the controller is further configured to:
 - obtain first transmission information from a prior message, received from the external transmission control protocol device; and
 - provide second transmission information to the external transmission control protocol device based on the first transmission information obtained from the external transmission control protocol device.

14-24. Cancel

25. (Currently amended) A computer program product that includes a computer readable medium having instructions stored thereon such that, when the instructions are carried out by a computerized device, the computerized device is capable of performing the steps of:

providing an acknowledgment message to an external transmission control protocol device in response to a synchronization message from the external transmission control protocol device;

receiving a request message for content from the external transmission control protocol device; and

sending, to the external transmission control protocol device, a reply message having at least a portion of the content, regardless of whether the computerized device received an acknowledgment message from the external transmission control protocol device in response to the acknowledgment message provided by the computerized device to the external transmission control protocol device wherein the controller is configured to transmit, in the reply message, a content segment:

comparing an acknowledgment number received from the external transmission control protocol device to an aggregate size of the content;

when the acknowledgment number is one of greater than and equal to the aggregate size of the content, refraining from sending another content segment; and

when the acknowledgment number is less than the size of the aggregate content, sending another content segment.

26. (Original) The computer program product of claim 25 wherein the instructions, when carried out by the computerized device, cause the computerized device to send the reply message to the external transmission control protocol device in response to the request message

from the external transmission control protocol device and in the absence of receiving the acknowledgment message from the external transmission control protocol device.

27. (Currently amended) An apparatus for communicating with an external transmission control protocol device, comprising:

- (i) an input/output interface to communicate with at least one external transmission control protocol device;
- (ii) a content source to provide content;
- (iii) means, coupled to the input/output interface and the content source, for providing an acknowledgment message to the external transmission control protocol device in response to a synchronization message from the external transmission control protocol device,
- (iv) means, coupled to the input/output interface and the content source, for receiving a request message for content from the external transmission control protocol device; and
- (v) means, coupled to the input/output interface and the content source, for sending, to the external transmission control protocol device, a reply message having at least a portion of the content, regardless of whether the apparatus received an acknowledgment message from the external transmission control protocol device in response to the acknowledgment message provided by the apparatus to the external transmission control protocol device wherein the controller is configured to transmit, in the reply message, a content segment:
 - means for comparing an acknowledgment number received from the external transmission control protocol device to an aggregate size of the content;
 - when the acknowledgment number is one of greater than and equal to the aggregate size of the content, means for refraining from sending another content segment; and

when the acknowledgment number is less than the size of the aggregate content, means for sending another content segment.

28. (Original) The apparatus of claim 27 wherein the means, coupled to the input/output interface and the content source, includes:

means for sending the reply message to the external transmission control protocol device in response to the request message from the external transmission control protocol device and in the absence of receiving the acknowledgment message from the external transmission control protocol device.

29. (New) The method of claim 1 further comprising:

wherein the step of sending includes transmitting a content segment;

comparing an acknowledgment number received from the external transmission control protocol device to an aggregate size of the content;

when the acknowledgment number is one of greater than and equal to the aggregate size of the content, refraining from sending another content segment;

when the acknowledgment number is less than the size of the aggregate content, sending another content segment;

transmitting the reply message to the external transmission control protocol device in response to request message from the external transmission control protocol device and in the absence of receiving one of the group comprising the acknowledgment message from the external transmission control protocol device and establishing a transmission control protocol connection;

queuing an acknowledgment message and the acknowledgment number received from the external transmission control protocol device in

response to the reply message prior to the step of comparing the acknowledgment number to the aggregate size of the content;

obtaining first transmission information from a prior message, received from the external transmission control protocol device; and

providing second transmission information to the external transmission control protocol device based on the first transmission information obtained from the external transmission control protocol device.